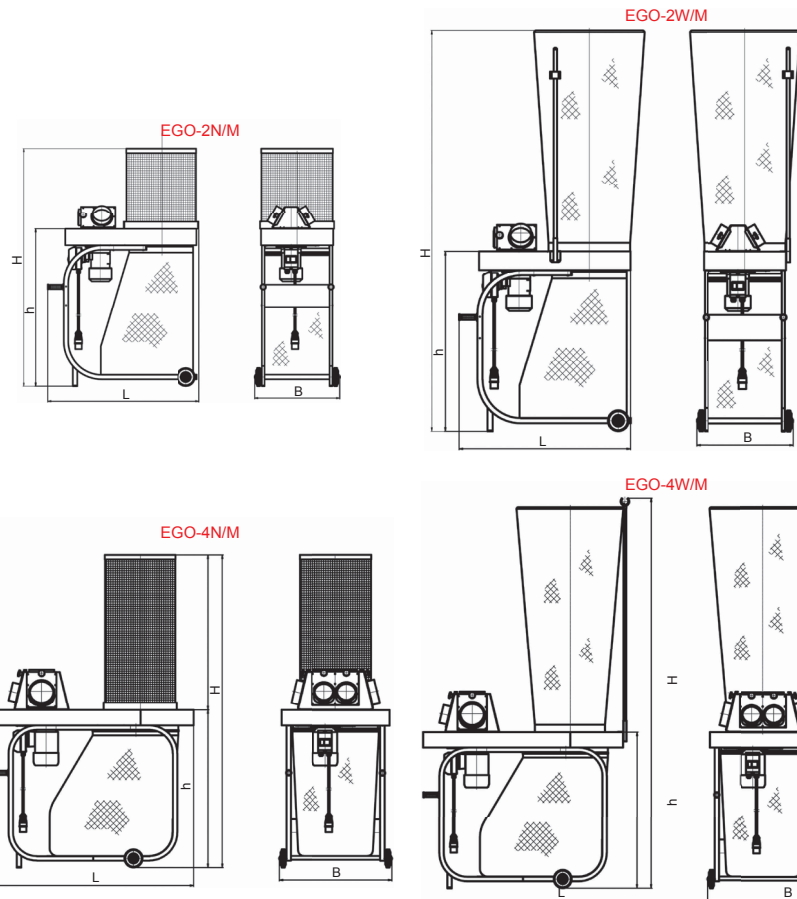


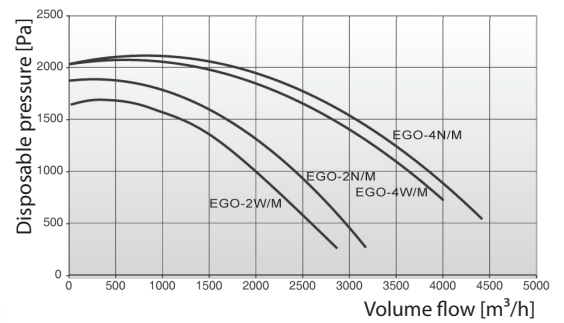


**Application**

EGO-type dust separators are efficient in wood dust extraction from wood processing machines as well as appropriate for removal the impurities formed during other similar technological processes. The dust capture efficiency is up to 99,5%.



**Flow charts**



**Dimensions**

Type	L	B	H	H
EGO-2W/M	1008	568	1058	2358
EGO-4W/M	1382	756	1062	2652
EGO-2N/M	1024	568	1058	1601
EGO-4N/M	1360	756	1062	2105

**Structure**

Dust separator consists of a housing based on a frame with wheels for easy displacement. A motor with impeller adapted for transporting the air polluted with wood dust and chips is installed to the housing. Underneath the housing is fastened a foil waste bag, whereas above the housing is located a cellulose-polyester cartridge filter or a filtering bag – depending on the version.

Depending on the needs the separator can be equipped with following hose connectors:

- connection head with slide dampers (two connections in EGO-2, four connections in EGO-4),
- T-piece (two connections),
- elbow (one connection).


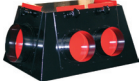

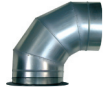
Directly on the motor housing is located a motor protective switch with short-circuit- and overload protection and the power lead with a plug. The integral suction hoods of the processing machines (and other places for dust collection) ought to be joined with a hose to the connections of the EGO dust separator. Inside the device takes place the separation of the impurities: heavy parts (wood dust, chips) are falling into the waste bag, whereas smaller particles are accumulating on the inner surface of the filters that have to shaken manually. The lower waste bag needs emptying when it reaches the fill-up state.

## Technical data

Type	Part No.*	Maximum volume flow [m <sup>3</sup> /h]	Maximum underpressure [Pa]	Supply voltage [V]	Motor rate [kW]	Filtration surface [m <sup>2</sup> ]	Noise level [dB(A)]	Weight [kg]
EGO-2W/M	800080	2950	1650	3×400	1,1	2,5	83	49
EGO-4W/M	800082	3950	2000	3×400	1,5	5	85	80
EGO-2N/M	800081	3150	1850	3×400	1,1	10	83	60
EGO-4N/M	800083	4300	1950	3×400	1,5	15	85	94


\* Refers the dust separator with no flexible hoses and no hose connectors.

## Connection elements




Sort of connection	Type	Part No.	Connection ferrules		Designed for	Remarks
			Quantity [pc]	Diameter [mm]		
	Connection head	G-2	800G91	2	125	EGO-2
	Connection head	G-4	800G92	2 2	125 160	EGO-4
	T-piece	TR-2	800T91	2	160	EGO-2
		TR-4	800T92	2	200	EGO-4
	Elbow	K-2	800K91	1	160	EGO-2
		K-4	800K92	1	200	EGO-4

Each connection can be equipped with an appropriate reducer – see "Installation materials"


## Hoses - to connect the suction connection of the EGO dust separator with the hoods

Type	Part No.	Inner diameter [mm]	Bending radius [mm]	Maximum length [m]	Remarks
	PUR/PU-80	463P69	80	10	Material: strengthened polyurethane, completely covered steel spiral, high abrasion-resistant, transparent
	PUR/PU-100	463P70	100		
	PUR/PU-125	463P71	125		
	PUR/PU-160	463P72	160		

## Spare parts

Sort	Type	Part No.	Weight [kg]	Designed for	
	cartridge filter	CP-2	452F103	7,85	EGO-2-N/M
		CP-4	452F104	9	EGO-4-N/M
	filtration bag	WF-2	476W16	0,4	EGO-2-W/M
		WF-4	476W26	0,5	EGO-4-W/M
	waste bag	WZ-1	476W33	0,1	EGO-2 EGO-4

## Dust collecting hood

Type	Part No.	Connection diameter [mm]	Length of the suction slot [mm]	
	S-100/L	819S01	100	300
	S-125/L	819S13	125	500